200-PO-1: Groundwater Performance

1,600,000

1,400,000

1,200,000

1,000,000

800,000 600,000 • performance • cleanup • closure



Overview

Waste sites in the 200-PO-1 operable unit have contaminated groundwater in the southern 200-East Area and eastern/ southern Hanford Site with large plumes of tritium, iodine-129, and nitrate.

There currently is no active groundwater remediation in this unit.

Limitations

The water table is flat in the 200-East Area, so the direction of groundwater flow in some locations is not known with certainty.

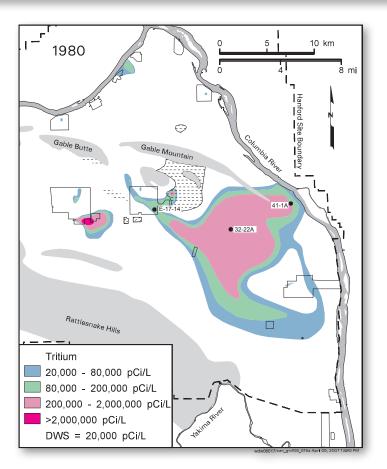
Multiple sources of contamination, including waste cribs and underground tanks, are located near each other, making it difficult to pin down the source of contamination.

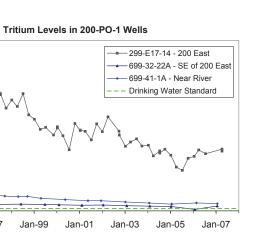
Conclusions

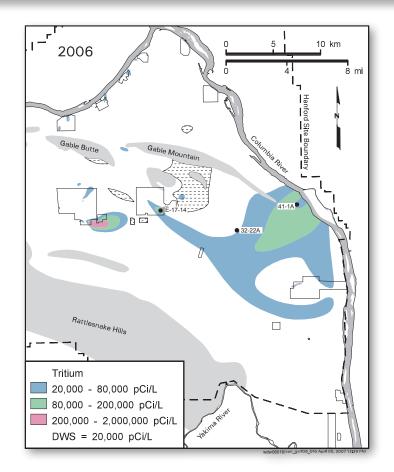
Contaminant concentrations generally are decreasing within the large plumes.

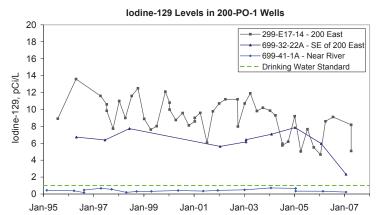
Some wells near waste sites show variability in contaminant concentrations.

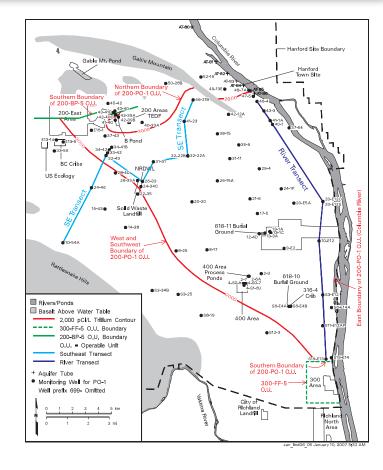
DOE has installed an extensive network to monitor groundwater quality.



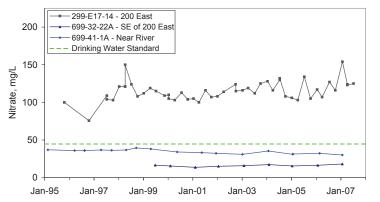














Remediation Project